

II. CLAIM AMENDMENTS

Please replace the following claims as rewritten below.

1. (canceled)
2. (currently amended) The commutator of claim 1 ~~39~~, wherein the at least one magnet facilitates the collection of information regarding properties of the motor.
3. (canceled)
4. (currently amended) A sensing assembly comprising the commutator of claim 1 ~~39~~ and a sensor.
5. (previously presented) The commutator of claim 37, wherein the metal comprises copper.
6. (canceled)
7. (canceled)
8. (currently amended) The commutator of claim ~~35~~ ~~39~~, wherein at least one of the electrically-conductive segments comprises an inner surface and at least one anchor extending radially inwardly from the inner surface of the segment.
9. (canceled)
10. (currently amended) The commutator of claim ~~35~~ ~~39~~, wherein the magnet comprises electrically non-conductive material.
11. (canceled)
12. (currently amended) The commutator of claim ~~35~~ ~~39~~, wherein the magnetic powder comprises strontium ferrite.
13. (currently amended) The commutator of claim ~~35~~ ~~39~~, wherein the magnetic powder comprises barium ferrite.
14. (canceled)
15. (canceled)

16. (canceled)

17. (currently amended) The commutator of claim ~~35~~ 39, wherein the electrically-conductive commutator segments comprise a carbeneous material.

18. (canceled)

19. (original) The sensing assembly of claim 4, further comprising a magnetic sensor.

20. (original) The sensing assembly of claim 19, wherein the sensor comprises a variable reluctance sensor.

21. (original) The sensing assembly of claim 19, wherein the sensor comprises a Hall-Effect sensor.

22 (canceled).

23 (canceled).

24 (canceled).

25 (canceled).

26 (canceled).

27 (canceled).

28 (canceled).

29 (canceled).

30. (currently amended) The commutator of claim ~~1~~ 39, wherein the at least one magnet is a substantially continuous ring.

31. (currently amended) The commutator of claim ~~35~~ 39, wherein the at least one magnet is a substantially continuous ring.*

32. (canceled)

33. (canceled)

34. (canceled)

35. (canceled)

36. (currently amended) The commutator of claim ~~35~~ 39, wherein the core is molded in contact with the at least one magnet.

37. (currently amended) The commutator of claim ~~35~~ 39, wherein the commutator segments comprise metal.

38. (canceled)

39. (previously presented) A commutator comprising at least one magnet chemically-bonded to an electrically-insulating, resin-containing commutator core and further comprising a plurality of electrically-conductive commutator segments, wherein the electrically-insulating commutator core is positioned adjacent the segments and defines a central aperture and wherein the at least one magnet comprises magnetic powder and a thermo-set resin chemically bonded to the commutator core by inter-bonding of resins of the commutator core and magnet, wherein the commutator comprises a barrel and a face and wherein the electrically-conductive commutator segments are positioned on the face of the commutator and the at least one magnet is positioned on the barrel of the commutator.

40. (currently amended) The commutator of claim ~~1~~ 39, wherein the resin-containing commutator core includes a phenolic material.

41. (currently amended) The commutator of claim ~~1~~ 39, wherein the at least one magnet is chemically bonded to the commutator core in connection with concurrent molding of the magnet and the commutator core.

42. (previously presented) The commutator of claim 41, wherein the concurrent molding of the magnet and the commutator core affects inter-bonding of resins at an interface between the magnet and the commutator core.

43. (canceled)

44. (canceled)